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Sub	Substitute for form 1449/PTO			Complete if Known		
				Application Number	Not Yet Assigned 10/6/0.706	
IN.	<b>IFORMATIO</b>	N DIS	CLOSURE	Filing Date	Concurrently Herewith 7/14/63	
S	TATEMENT	BY A	PPLICANT	First Named Inventor	Howard E. Rhodes	
				Art Unit	N/A 28/4	
	(use as many s	sheets as i	necessary)	Examiner Name	Not Yet Assigned Quach	
Sheet	1	of	1	Attorney Docket Number	M4065.0100/P100-B	

			U.S. PA	TENT DOCUMENTS	
Examiner	Cito	Document Number	Publication Date MM-DD-YYYY 02/1983	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
nitials*	Cite No.1	Number-Kind Code <sup>2</sup> (# known)		Applicant of Cited Document	
14		4,374,700		SCOTT et al.	
$\overline{L}$		5,319,604	06/1994	IMONDI et al.	
		5,461,425	10/1995	FOWLER et al.	
		5,471,515	11/1995	FOSSUM et al.	
\[ \ \		5,541,402	07/1996	ACKLAND et al.	
		5,576,763	11/1996	ACKLAND et al.	
$\perp$		5,612,799	03/1997	YAMAZAKI et al.	
		5,614,744	03/1997	MERRILL	
		5,625,210	04/1997	LEE et al.	
		5,705,846	01/1998	MERRILL	
		5,708,263	01/1998	WONG	
		5,739,562	04/1998	ACKLAND et al.	
TA		5,757,045	05/1998	TSAI et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>4</sup> (If known)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۳٥		

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NON PATENT LITERATURE DOCUMENTS					
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
		Dickinson, A., et al., A 256x256 CMOS Active Pixel Image Sensor with Molion Detection, 1995 IEEE International Solid-State Circuits Conference, pps. 226-227.			
		Dickinson, A., et al., <u>Standard CMOS Active Pixel Image Sensors for Multimedia Applications</u> , Proceedings of Sixteenth Conference on Advanced Research in VLSI, March 27-29, 1995, pps. 214-224.			
		Eid, E-S., et al., <u>A 256 x 256 CMOS Active Pixel Image Sensor</u> , Proc. SPIE Vol. 2415, April 1995, pps. 265-275.			
		Fossum, E., CMOS Image Sensors: Electronic Camera On A Chip, 1995 IEEE, pps. 17-25.			
70		Fossum, E., et al., IEDM A 37x28mm <sup>2</sup> 600k-Pixel CMOS APS Dental X-Ray Camera- on-a-Chip with Self-Triggered Readout, 1998 IEEE International Solid-State Circuits			

Tayach

8/20/04

PTO/SB/08a/b (05-03)
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11	<b>IFORMATIO</b>	N DI	SCLOSURE	Filing Date	Concurrently Herewith 7/14/03	
S	<b>TATEMENT</b>	BY A	APPLICANT	First Named Inventor	Howard E. Rhodes	
				Art Unit	N/A 28/4	
	(use as many :	sheels as	necessary)	Examiner Name	Not Yet Assigned SILACLY	
Sheet	2	of	1	Attorney Docket Number	M4065.0100/P100-B	

1777		Conference, pps. 172-173.	
1		Fossum, E., Low Power Camera-on-a-Chip Using CMOS Active Pixel Sensor	
		Technology, 1995 IEEE, pps. 74-77.	
		Fossum, E., Architectures for focal plane image processing, Optical Engineering, Vol.	
11_	/	28, No 8, August 1989, pps. 865-871.	
		Janesick, J., et al., New advancements in charge-coupled device technology - sub-	•
		electron noise and 4096x4096 pixel CCDs, Proc. SPIE Vol. 1242, 1990, pps. 223-	
		237.	
		Kemeny, S.E., et al., <u>Update on focal-plane image processing research</u> , Proc. SPIE Vol. 1447, 1991, pps. 243-250.	
111	·	Mendis, S., et al., <u>CMOS Active Pixel Image Sensor</u> , IEEE Transactions on Electron Devices, Vol. 41, No. 3, March 1994, pps. 452-453.	
1		Mendis, S.K., et al., A 128 x 128 CMOS Active Pixel Image Sensor for Highly Integrated Imaging Systems, 1993 IEEE, pps. 583-586.	
		Mendis, S.K., et al., <u>CMOS Active Pixel Image Sensors for Highly Integrated Imaging Systems</u> , IEEE Journal of Solid-State Circuits, Vol. 32, No. 2, February 1997, pps. 187-197.	
		Mendis, S.K., et al., <u>Design of a Low-Light-Level Image Sensor with On-Chip Sigma-Delta Analog-to-Digital Conversion</u> , Proc. SPIE Vol. 1900, July 1993, pps. 31-39.	
	×	Mendis, S.K., et al., Low-Light-Level Image Sensor with On-Chip Signal Processing, Proc. SPIE Vol. 1952, November 1993, pps. 23-33.	
	; 1/2	Mendis, S.K., et al., <u>Progress In CMOS Active Pixel Image Sensors</u> , Proc. SPIE Vol. 2172, May 1994, pps. 19-29.	
-		Nakamura, J., et al., <u>CMOS Active Pixel Image Sensor with Simple Floating Gate</u> <u>Pixels</u> , IEEE Transactions on Electron Devices, Vol. 42, No. 9, September 1995, pps. 1693-1694.	
		Nixon, R.H., et al., <u>256 x 256 CMOS Active Pixel Sensor Camera-on-a-Chip</u> , IEEE Journal of Solid-State Circuits, Vol. 31, No. 12, December 1996, pps. 2046-2050.	
		Nixon, R.H., et al., <u>256x256 CMOS Active Pixel Sensor Camera-on-a-Chip</u> , 1996 IEEE International Solid-State Circuits Conference, pps. 178-179.	
		Panicacci, R., et al., <u>Programmable multiresolution CMOS active pixel sensor</u> , Proc. SPIE Vol. 2654, March 1996, pps. 72-79.	
		Panicacci, R.A., et al., 128Mb/s Multiport CMOS Binary Active-Pixel Image Sensor, 1996 IEEE International Solid-State Circuit Conference, pps. 100-101.	
	v	Yadid-Pecht, O., et al., CMOS Active Pixel Sensor Star Tracker with Regional Electronic Shutter, IEEE Journal of Solid-State Circuits, Vol. 32, No. 2, February 1997, pps. 285-288.	
	6	Yadid-Pecht, O., et al., Wide dynamic range APS star tracker, Proc. SPIE Vol. 2654, March 1996, pps. 82-92.	
		Zarnowski, J., et al., <u>Imaging options expand with CMOS technology</u> , Laser Focus World, June 1997, pps. 125-130.	
		Zhou; Z., et al., A Cmos Imager with On-Chip Variable Resolution for Light-Adaptive Imaging, 1998 IEEE International Solid-State Circuits Conference, pps. 174-175.	
18		Zhou, Z., et al., A Digital CMOS Active Pixel Image Sensor For Multimedia	

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8/20/04

PTC/SB/08a/b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

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IN	FORMATI	ON DISC	LOSURE	Filing Date	Concurrently Herewith	
S	TATEMEN'	T BY AP	PLICANT	First Named Inventor	Howard E. Rhodes	
_				Art Unit	N/A	
	(use as man	y sheets as nece	essary)	Examiner Name	Not Yet Assigned	
Sheet	3	of	1	Attorney Docket Number	M4065.0100/P100-B	

TO	Applications, Proc. SPIE Vol. 2894, September 1996, pps. 282-288.
	Proprieditions, 1 100. Of the Vol. 200 I, Coptomics. 1000, ppc. 202 200.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&#</sup>x27;Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.